IN THE CLAIMS:

Please cancelled claims 14-16 and amend claims 13, 17 and 23 as follows.

1-12 (Canceled)

13. (Currently Amended) A frame control method for controlling a transport frame used for transmitting a data unit (TB) via a dedicated channel between network elements (2, 3; 10) of a communication system having different types of connections, comprising the steps of:

(a) encapsulating said data unit (TB) into said transport frame;

(b) selecting a frame type coding of said transport frame in accordance with a connection type of said dedicated channel; and

(c) maintaining information on the frame types to be used for data units on a dedicated channel,

wherein said frame type coding defines specific control information fields of the transport frame and its bit number,

wherein said specific control information fields include a transport format indicator field, the bit number of the transport format indicator field is determined on the basis of the number of different transport format indicators allowed for said dedicated channel, and

wherein a value of said transport format indicator field defines if and how a whole original data unit set is split into different data units to be transported via said dedicated channel.

14. (Cancelled

15. (Cancelled)

16. (Cancelled)

17. (Currently Amended) ~~A frame control method according to claim 15,~~ A frame control method for controlling a transport frame used for transmitting a data unit (TB) via a dedicated channel between network elements (2, 3; 10) of a communication system having different types of connections, comprising the steps of:

(a) encapsulating said data unit (TB) into said transport frame;

(b) selecting a frame type coding of said transport frame in accordance with a connection type of said dedicated channel; and

(c) maintaining information on the frame types to be used for data units on a dedicated channel,

wherein said frame type coding defines specific control information fields of the transport frame and its bit number,

wherein said specific control information fields include a transport format indicator field, the bit number of the transport format indicator field is determined on the

basis of the number of different transport format indicators allowed for said dedicated channel and

wherein a ~~the~~ value of said transport format indicator field defines the presence and/or bit number of another one of said specific control information fields.

18. (Previously Presented) A frame control method according to claim 17, wherein said another one of said specific control information fields is a frame reliability information field which is provided when the value of said transport format indicator field indicates a high bit rate transmission.

19. (Original) A frame control method according to claim 13, wherein said frame type coding is selected in a set-up phase of said dedicated channel based on corresponding setup parameters of said dedicated channel.

20. (Original) A frame control method according to claim 13, wherein said frame type coding does not include a channel indicator field, if one transport connection is allocated to said dedicated channel.

21. (Original) A frame control method according to claim 13, wherein said frame control method is used in a user plane interface of a WCDMA system.

22. (Original) A frame control method according to claim 21, wherein said dedicated channel is an AAL 2 channel and said data unit is a user plane data unit.

23. (Currently Amended) A frame control apparatus for controlling a transport frame used for transmitting a data unit (TB) via a dedicated channel between network elements (2, 3; 10) of a communication system having different types of connections, comprising:

(a) means (12) for encapsulating said data unit (TB) into said transport frame;

(b) means (13) for selecting a frame type coding of said transport frame in accordance with a connection type of said dedicated channel; and

(c) means for maintaining information on the frame types to be used for data units on a dedicated channel

wherein said frame type coding defines specific control information fields of the transport frame and its bit number,

wherein said specific control information fields include a transport format indicator field, the bit number of the transport format indicator field is determined on the basis of the number of different transport format indicators allowed for said dedicated channel, and

wherein a value of said transport format indicator field defines if and how a whole original data unit set is split into different data units to be transported via said dedicated channel.

24. (Original) A frame control apparatus according to claim 23, wherein said network element (2, 3; 10) comprise a base station subsystem (2) and a radio network controller (3) of a mobile communication system (6).